

Serial No.: 09/751,959

Attorney Docket No.: 00P9128US

**IN THE CLAIMS:**

This listing of the claims will replace all prior versions and listings of the claims in the application:

1. (Previously Presented) A method for use in frequency selection in a frequency hopping cordless telephone system employing a predetermined frame length, comprising:
  - identifying active slots in a frame; and
  - determining a duration of carrier usage based on durations of numbers of said active slots.
2. (Previously Presented) A method in accordance with claim 1, said predetermined frame length having a duration about ten milliseconds.
3. (Previously Presented) A method in accordance with claim 2, said slots comprising transmit and receive slots each having a duration of 833 microseconds.
4. (Original) A method in accordance with claim 3, further comprising limiting a use of a particular carrier to less than 400 milliseconds every thirty seconds.
5. (Previously Presented) A system for use in frequency selection in a frequency hopping cordless telephone system employing a predetermined frame length, comprising:
  - means for identifying active slots in a frame; and
  - means for determining a duration of carrier usage based on durations of numbers of said active slots.
6. (Previously Presented) A system in accordance with claim 5, said

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predetermined frame length having a duration about ten milliseconds.

7. (Previously Presented) A system in accordance with claim 6, said slots comprising transmit and receive slots each having a duration of 833 microseconds.

8. (Original) A system in accordance with claim 7, further comprising limiting a use of a particular carrier to less than 400 milliseconds every thirty seconds.

9. (Previously Presented) A device for use in frequency selection in a frequency hopping cordless telephone employing a predetermined frame length, comprising:

a slot monitoring module adapted to identify active slots in a frame; and

a frequency selection module adapted to determine a duration of carrier usage based on durations of numbers of said active slots.

10. (Previously Presented) A device in accordance with claim 9, said predetermined frame length having a duration about ten milliseconds.

11. (Previously Presented) A device in accordance with claim 10, said slots comprising transmit and receive slots each having a duration of 833 microseconds.

12. (Previously Presented) A method for use in frequency selection in a frequency hopping cordless telephone system employing a predetermined frame length, comprising:

identifying a number of active slots in a frame; and

determining a duration of carrier usage based on total durations of said number of active slots.

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13. (Previously Presented) A method in accordance with claim 12, said predetermined frame length having a duration about ten milliseconds.
14. (Previously Presented) A method in accordance with claim 13, said slots comprising transmit and receive slots each having a duration of 833 microseconds.
15. (Previously Presented) A method in accordance with claim 14, further comprising limiting a use of a particular carrier to less than 400 milliseconds every thirty seconds.
16. (Previously Presented) A cordless telephone system, comprising:  
a fixed station including a frequency select module and a slot monitor module; and  
a mobile station;  
wherein the fixed station and the mobile station communicate according to a frequency hopping scheme with frequencies chosen by said frequency select module with input from said slot monitor module, said slot monitor module providing said frequency select module with a count of a number of active slots being sent per frame.
17. (Previously Presented) A cordless telephone system in accordance with claim 16, wherein a frame length of said frame has a duration about ten milliseconds.
18. (Previously Presented) A cordless telephone system in accordance with claim 17, said slots comprising transmit and receive slots each having a duration of 833 microseconds.
19. (Previously Presented) A cordless telephone system in accordance with

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claim 18, further comprising limiting a use of a particular carrier to less than 400 milliseconds every thirty seconds.

20. (Previously Presented) A cordless telephone system in accordance with claim 16, wherein a duration of use of a carrier frequency is based on a duration of said number of active slots.